

## WEST Search History

DATE: Friday, December 08, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L13	L12 and (thermal comfort with structur\$)	12
<input type="checkbox"/>	L12	thermal comfort and structur\$	247
<input type="checkbox"/>	L11	L10 and index	0
<input type="checkbox"/>	L10	L9 and radiation	7
<input type="checkbox"/>	L9	L7 and heat	21
<input type="checkbox"/>	L8	L7 and (comfort with index)	0
<input type="checkbox"/>	L7	(thermal with comfort) same structure?	25
<input type="checkbox"/>	L6	(thermal with comfort) and structure?	360
<input type="checkbox"/>	L5	L1 and (thermal with comfort)	1
<input type="checkbox"/>	L4	L1 ajnd (thermal with comfort)	0
<input type="checkbox"/>	L3	L2 and (thermal same structure?)	2
<input type="checkbox"/>	L2	L1 and thermal and structure?	38
<input type="checkbox"/>	L1	ozeki.in.	742

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 5360670 A

L3: Entry 1 of 2

File: USPT

Nov 1, 1994

US-PAT-NO: 5360670

DOCUMENT-IDENTIFIER: US 5360670 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Multilayered structure containing an ethylene-vinyl alcohol layer

DATE-ISSUED: November 1, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yonezu; Kiyoshi	Kochi			JP
Aoyama; Akimasa	Kurashiki			JP
Okaya; Takuji	Nagaokakyo			JP
Hirofuji; Satoshi	Kurashiki			JP
Ozeki; Yukio	Kurashiki			JP

US-CL-CURRENT: 428/412; 428/474.4, 428/475.2, 428/475.5, 428/475.8, 428/476.1,  
428/476.3, 428/476.9, 428/480, 428/483, 428/515, 428/516, 428/518, 428/520,  
428/522, 428/523

Full	Title	Citation	Front	Review	Classification	Date	Reference	Export	Abstract	Claims	KMC	Draw Data
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☐ 2. Document ID: US 5118743 A

L3: Entry 2 of 2

File: USPT

Jun 2, 1992

US-PAT-NO: 5118743

DOCUMENT-IDENTIFIER: US 5118743 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Methylene-vinyl alcohol copolymer composition

DATE-ISSUED: June 2, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yonezu; Kiyoshi	Kochi			JP
Aoyama; Akimasa	Kurashiki			JP

Okaya; Takuji	Nagaokakyo	JP
Hirofuji; Satoshi	Kurashiki	JP
Ozeki; Yukio	Kurashiki	JP

US-CL-CURRENT: [524/287](#); [524/284](#), [524/300](#), [524/399](#), [524/400](#), [524/405](#), [524/417](#),  
[524/423](#), [524/424](#), [524/425](#), [524/427](#), [524/436](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	<a href="#">SAMS</a>	<a href="#">APP</a>	Claims	KMC	Draw De
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<a href="#">Clear</a>	<a href="#">Generate Collection</a>	<a href="#">Print</a>	<a href="#">Fwd Refs</a>	<a href="#">Bkwd Refs</a>	<a href="#">Generate OACS</a>
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Term	Documents
THERMAL	778703
THERMALS	238
STRUCTURE?	0
STRUCTUREA	18
STRUCTUREC	3
STRUCTURED	177938
STRUCTUREE	11
STRUCTUREF	2
STRUCTUREH	2
STRUCTUREI	4
STRUCTUREJ	2
(L2 AND (THERMAL SAME STRUCTURE?) ).PGPB,USPT.	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040133406 A1

L5: Entry 1 of 1

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133406

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040133406 A1

TITLE: Method for evaluating thermal comfort of a structure and an assisting method, program or system for designing a structure in consideration of thermal comfort

PUBLICATION-DATE: July 8, 2004

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Ozeki, Yoshiichi

Kanagawa

JP

Takabayashi, Toru

Kanagawa

JP

Tanabe, Shinichi

Chiba

JP

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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Term	Documents
THERMAL	778703
THERMALS	238
COMFORT	94469
COMFORTS	628
(1 AND (COMFORT WITH THERMAL)).PGPB,USPT.	1
(L1 AND (THERMAL WITH COMFORT)).PGPB,USPT.	1

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## Hit List

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20060260496 A1

L10: Entry 1 of 7

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060260496

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060260496 A1

TITLE: Textile heat accumulator for utilization of solar energy

PUBLICATION-DATE: November 23, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Pause; Barbara Hildegard

Longmont

CO

US

US-CL-CURRENT: 101/494

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 2. Document ID: US 20060223402 A1

L10: Entry 2 of 7

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060223402

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060223402 A1

TITLE: Membrane materials with thermo-regulating properties for fabric structures

PUBLICATION-DATE: October 5, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Pause; Barbara Hildegard

Longmont

CO

US

US-CL-CURRENT: 442/221; 442/227

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 3. Document ID: US 20060111816 A1

L10: Entry 3 of 7

File: PGPB

May 25, 2006

PGPUB-DOCUMENT-NUMBER: 20060111816  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20060111816 A1

TITLE: Methods, systems and computer program products for controlling a climate in a building

PUBLICATION-DATE: May 25, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Spalink; Jan-Dieter	Durham	NC	US
Nortman; Randall C.	Cary	NC	US

US-CL-CURRENT: 700/276; 700/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20050178524 A1

L10: Entry 4 of 7

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050178524  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050178524 A1

TITLE: Building conditioning technique using phase change materials in the roof structure

PUBLICATION-DATE: August 18, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pause, Barbara Hildegard	Longmont	CO	US

US-CL-CURRENT: 165/48.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6351914 B1

L10: Entry 5 of 7

File: USPT

Mar 5, 2002

US-PAT-NO: 6351914  
DOCUMENT-IDENTIFIER: US 6351914 B1

TITLE: Light-transmitting building construction element

DATE-ISSUED: March 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sobek; Werner	Stuttgart			DE

US-CL-CURRENT: 52/145; 181/289, 52/783.14, 52/783.17, 52/786.11, 52/787.11,  
52/791.1, 52/794.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw De
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☐ 6. Document ID: US 4253821 A

L10: Entry 6 of 7

File: USPT

Mar 3, 1981

US-PAT-NO: 4253821

DOCUMENT-IDENTIFIER: US 4253821 A

TITLE: Method and ducting system for hot gas heat recovery

DATE-ISSUED: March 3, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bradshaw; Norman F.	Surrey			GB2

US-CL-CURRENT: 432/2; 34/85, 34/86, 432/72, 454/49

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw De
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☐ 7. Document ID: US 4198796 A

L10: Entry 7 of 7

File: USPT

Apr 22, 1980

US-PAT-NO: 4198796

DOCUMENT-IDENTIFIER: US 4198796 A

TITLE: Thermal insulation structure

DATE-ISSUED: April 22, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foster; Kenneth J.	Dedham	MA		

US-CL-CURRENT: 52/203; 52/171.3, 52/786.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw De
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Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20060223402 A1

L13: Entry 1 of 12

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060223402

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060223402 A1

TITLE: Membrane materials with thermo-regulating properties for fabric structures

PUBLICATION-DATE: October 5, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Pause; Barbara Hildegard

Longmont

CO

US

US-CL-CURRENT: 442/221; 442/227

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20060135020 A1

L13: Entry 2 of 12

File: PGPB

Jun 22, 2006

PGPUB-DOCUMENT-NUMBER: 20060135020

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060135020 A1

TITLE: Flash spun web containing sub-micron filaments and process for forming same

PUBLICATION-DATE: June 22, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Weinberg; Mark Gary

Wilmington

DE

US

Dee; Gregory T.

Wilmington

DE

US

Harding; Thomas William

Wilmington

DE

US

US-CL-CURRENT: 442/340; 264/165, 264/405, 264/413, 264/449, 428/315.5, 428/903

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20060111816 A1

L13: Entry 3 of 12

File: PGPB

May 25, 2006

PGPUB-DOCUMENT-NUMBER: 20060111816

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060111816 A1

TITLE: Methods, systems and computer program products for controlling a climate in a building

PUBLICATION-DATE: May 25, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Spalink; Jan-Dieter	Durham	NC	US
Nortman; Randall C.	Cary	NC	US

US-CL-CURRENT: 700/276; 700/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20050126280 A1

L13: Entry 4 of 12

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050126280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050126280 A1

TITLE: Thermal comfort sensor device and an anthropomorphic dummy for simulating heat exchange which includes a plurality of such devices

PUBLICATION-DATE: June 16, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Canta, Carlo	Torino		IT
Malvicino, Carloandrea	Torino		IT

US-CL-CURRENT: 73/204.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20050079379 A1

L13: Entry 5 of 12

File: PGPB

Apr 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050079379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050079379 A1

TITLE: Enhancement of barrier fabrics with breathable films and of face masks and filters with novel fluorochemical electret reinforcing treatment

PUBLICATION-DATE: April 14, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wadsworth, Larry C.	Knoxville	TN	US
Tsai, Peter Ping-Yi	Knoxville	TN	US

US-CL-CURRENT: 428/684

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw De
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☐ 6. Document ID: US 20040133406 A1

L13: Entry 6 of 12

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133406

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040133406 A1

TITLE: Method for evaluating thermal comfort of a structure and an assisting method, program or system for designing a structure in consideration of thermal comfort

PUBLICATION-DATE: July 8, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ozeki, Yoshiichi	Kanagawa		JP
Takabayashi, Toru	Kanagawa		JP
Tanabe, Shinichi	Chiba		JP

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw De
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☐ 7. Document ID: US 20030208282 A1

L13: Entry 7 of 12

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208282

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030208282 A1

TITLE: Graphical user interface system for a thermal comfort controller

PUBLICATION-DATE: November 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shah, Dipak J.	Eden Prairie	MN	US

US-CL-CURRENT: 700/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Ds
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☐ 8. Document ID: US 20020043068 A1

L13: Entry 8 of 12

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020043068

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020043068 A1

TITLE: Personal thermal comfort system using thermal storage

PUBLICATION-DATE: April 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Carr, Peter	Cary	NC	US
Lindberg, John J.	Cary	NC	US

US-CL-CURRENT: 62/3.7; 62/3.6, 62/434

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Ds
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☐ 9. Document ID: US 6996490 B2

L13: Entry 9 of 12

File: USPT

Feb 7, 2006

US-PAT-NO: 6996490

DOCUMENT-IDENTIFIER: US 6996490 B2

TITLE: Thermal comfort sensor device and an anthropomorphic dummy for simulating heat exchange which includes a plurality of such devices

DATE-ISSUED: February 7, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050126280 A1	June 16, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Canta; Carlo	Turin			IT
Malvicino; Carloandrea	Turin			IT

US-CL-CURRENT: 702/130; 374/208, 702/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	SPRINTS	SPRINTS	Claims	KMIC	Draw De
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☐ 10. Document ID: US 6595430 B1

L13: Entry 10 of 12

File: USPT

Jul 22, 2003

US-PAT-NO: 6595430

DOCUMENT-IDENTIFIER: US 6595430 B1

TITLE: Graphical user interface system for a thermal comfort controller

DATE-ISSUED: July 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shah; Dipak J.	Eden Prairie	MN		

US-CL-CURRENT: 236/46R; 165/238, 236/94, 715/970

Full	Title	Citation	Front	Review	Classification	Date	Reference	SPRINTS	SPRINTS	Claims	KMIC	Draw De
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☐ 11. Document ID: US 6481213 B2

L13: Entry 11 of 12

File: USPT

Nov 19, 2002

US-PAT-NO: 6481213

DOCUMENT-IDENTIFIER: US 6481213 B2

TITLE: Personal thermal comfort system using thermal storage

DATE-ISSUED: November 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carr; Peter	Cary	NC		
Lindberg; John J.	Cary	NC		

US-CL-CURRENT: 62/3.2; 62/3.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	SPRINTS	SPRINTS	Claims	KMIC	Draw De
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☐ 12. Document ID: US 5324112 A

L13: Entry 12 of 12

File: USPT

Jun 28, 1994

US-PAT-NO: 5324112

DOCUMENT-IDENTIFIER: US 5324112 A

\*\* See image for Certificate of Correction \*\*

TITLE: Detector device for evaluating the thermal comfort conditions in an environment, for example, in the interior of a motor vehicle

DATE-ISSUED: June 28, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Palazzetti; Mario	Avigliana			IT
Salotti; Gianfranco	Avigliana			IT
Mingrino; Fabio	Turin			IT

US-CL-CURRENT: 374/109; 236/68B, 374/185

Full	Title	Citation	Front	Review	Classification	Date	Reference	REVIEWS	EXCISE	Claims	KMIC	Draw De
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